

	A	B	C	D	E	F	G	H	I	J	K	L
1	Normal UCL Statistics for Uncensored Full Data Sets											
2												
3	User Selected Options											
4	Date/Time of Computation			7/31/2013 7:19:39 AM								
5	From File			WorkSheet.xls								
6	Full Precision			OFF								
7	Confidence Coefficient			95%								
8												
9												
10	Copper											
11												
12	General Statistics											
13	Total Number of Observations				67		Number of Distinct Observations				62	
14							Number of Missing Observations				0	
15	Minimum				10.5		Mean				24.32	
16	Maximum				47.2		Median				24.2	
17	SD				7.783		SD of logged Data				0.327	
18	Coefficient of Variation				0.32		Skewness				0.562	
19												
20	Normal GOF Test											
21	Shapiro Wilk Test Statistic				0.954		Normal GOF Test					
22	5% Shapiro Wilk P Value				0.0346		Data Not Normal at 5% Significance Level					
23	Lilliefors Test Statistic				0.0967		Lilliefors GOF Test					
24	5% Lilliefors Critical Value				0.108		Data appear Normal at 5% Significance Level					
25	Data appear Approximate Normal at 5% Significance Level											
26												
27	Assuming Normal Distribution											
28	95% Normal UCL					95% UCLs (Adjusted for Skewness)						
29	95% Student's-t UCL				25.91		95% Adjusted-CLT UCL (Chen-1995)				25.96	
30							95% Modified-t UCL (Johnson-1978)				25.92	
31												
32	Suggested UCL to Use											
33	95% Student's-t UCL				25.91							
34												
35	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
36	These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002)											
37	and Singh and Singh (2003). However, simulations results will not cover all Real World data sets.											
38	For additional insight the user may want to consult a statistician.											
39												